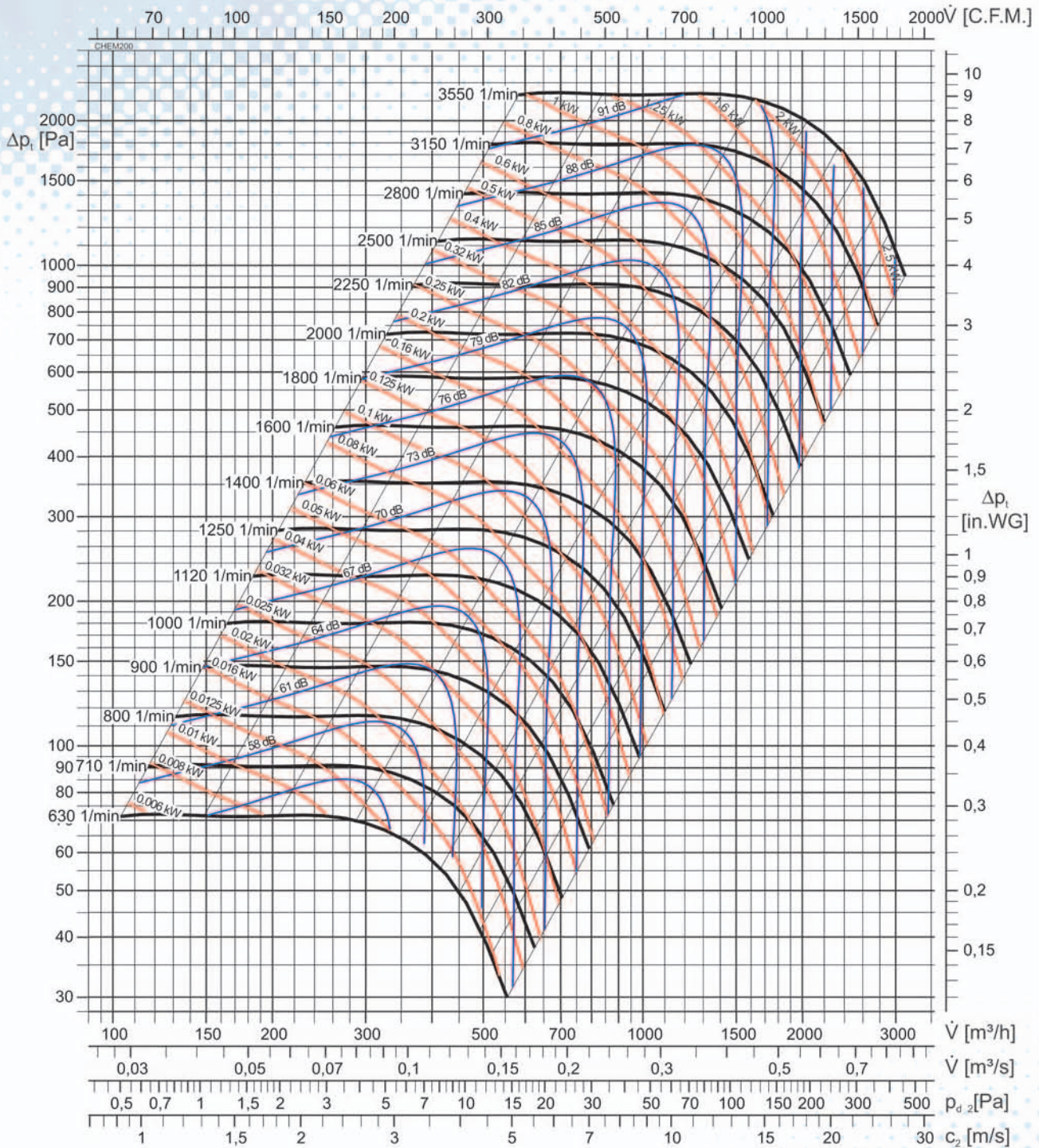# CHEM 200

Viftekurve

Densitet = 1.2 kg/m³

A-weighted Sound power level L_{WA} is quoted in the diagram.
A-sound pressure level L_{PA} at 1 meter distance.

$$L_{PA}[dB(A)] = L_{WA}[dB(A)] - 7[dB]$$

Octave sound power level L_{Wokt}:

$$L_{Wokt}[dB] = L_{WA}[dB(A)] + \Delta L[dB]$$

Relative frequency spectrum ΔL in dB/Okt.

| n[1/min] | Octgave b. midfreq. [Hz] | | | | | | | |
rpm	63	125	250	500	1k	2k	4k	8k
630 - 1600	-2,7	-1,3	-3,8	-1,2	-7,8	-13,5	-23,7	-35,0
1800 - 3550	-0,8	-0,4	-1,4	-2,4	-7,8	-10,6	-20,0	-30,4